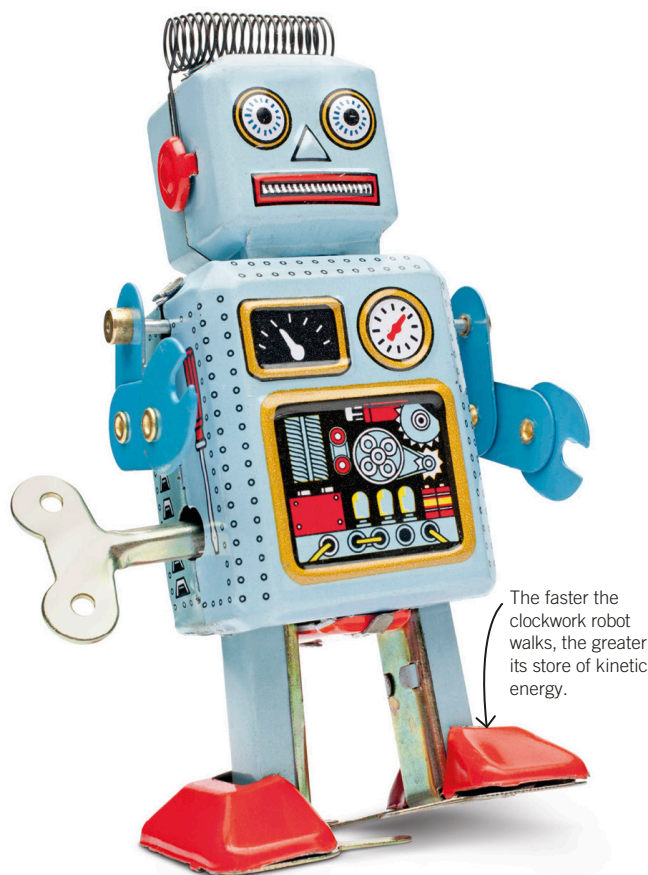




# Energy

Energy is the ability to make something happen. It moves your arms and legs, charges your phone, powers your TV, and makes the Sun shine. Energy can be stored in different ways or transferred from one store to another, but it can never be destroyed.



## Energy stores

Energy can be stored in different ways. The energy stored by a moving object is called kinetic energy. The faster an object is moving, the greater its kinetic energy.



## Key facts

- ✓ Energy can be stored in many different ways.
- ✓ Energy can be transferred from one energy store to another.
- ✓ Energy cannot be destroyed.
- ✓ Movement energy is also called kinetic energy.

Light transfers energy from a bulb to its surroundings.



## Energy transfers

Energy can be transferred from one energy store to another. When you turn on a lamp, the bulb transfers energy to the surroundings by light and heating.